

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
250251US0CONTSERIAL NO.  
10/799,734

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Akihiko ASAKAWA, et al.FILING DATE  
March 15, 2004GROUP  
1713 H.Hu

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
H.Hu	AA	5,147,934	09/15/1992	H. ITO, et al.	525	124	
	AB	5,439,896	08/08/1995	H. ITO, et al.	525	107	
	AC	3,758,634	09/11/1973	S. S. LABANA, et al.	523	437	
	AD	3,943,082	03/09/1976	O. W. SMITH, et al.	523	427	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
H.Hu	AO	1-103670	04/20/1989	JAPAN (with English Abstract and corr. US 5,147,934 and US 5,439,896)		X
	AP	51-57725	05/20/1976	JAPAN		X
	AQ	50-51539	05/08/1975	JAPAN (with corr. GB 1 424 967)		X
	AR	1 424 967	02/11/1976	GREAT BRITAIN		
	AS	48-28550	04/16/1973	JAPAN (with corr. US 3,758,634)		X
	AT	51-82321	07/19/1976	JAPAN (with corr. US 3,943,082)		X
	AU	63-264675	11/01/1988	JAPAN (with English Abstract)		X
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered 1-12-06

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

3-15-2004

SHEET 1 OF 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250251US0CONT		SERIAL NO.	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Akihiko ASAKAWA, et al.			
				FILING DATE HEREWITH		GROUP 1713 H.H.	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
H.H.	AA	5,998,507	12-07-99	ADACHI et al.	523	340	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
H.H.	AO	0 301 557	02-01-89	EUROPE			
	AP	59-102962	06-14-84	JAPAN w/Attached English Translation			X
	AQ	61-57609	03-24-86	JAPAN w/Attached English Translation			X
	AR	2-60968	03-01-90	JAPAN w/Attached English Translation			X
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered 1-12-06		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



**LIST OF RELATED CASES**

H.43  
↓

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
250251US0 CONT*	10/799,734	03/15/04	ASAKAWA, et al.
253540US0 CONT	10/863,506	06/09/04	YAMAUCHI, et al.
256040US0 CONT	10/893,347	07/19/04	YAMAUCHI, et al.

Heh

1-12-06

\*Present Application; listed for information  
NFO/wal/amr

**LIST OF RELATED CASES**

	<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
HLJ	250258US0 CONT	10/806,103	03/23/04	ASAKAWA, et al
HLJ	250251US0 CONT*	10/799,734	03/15/04	ASAKAWA, et al.

HLJ

1-12-06

\*Present Application; listed for information  
NFO/amr

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/10055

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> C09D127/12, C09D5/03

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C09D1/00-10/00, C09D101/00-201/10, C08K3/00-13/08  
C08L1/00-101/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2002
Kokai Jitsuyo Shinan Koho	1971-2002	Toroku Jitsuyo Shinan Koho	1994-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
QUESTEL (WPIL)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 301557 A1 (Nippon Oil and Fats Co., Ltd.), 01 February, 1989 (01.02.89), Claims; page 6, lines 33 to 50 & US 5147934 A & DE 3874836 A & KR 9104817 B & AU 2026088 A & JP 1-103670 A	1-5, 7 6
X A	US 5998507 A (Kansai Paint Co., Ltd.), 07 December, 1999 (07.12.99), Claims; Column 5, lines 14 to 28 & GB 2325235 A & DE 19821642 A & JP 11-29723 A	1-5, 7 6

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not  
considered to be of particular relevance  
"E" earlier document but published on or after the international filing  
date  
"L" document which may throw doubts on priority claim(s) or which is  
cited to establish the publication date of another citation or other  
special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other  
means  
"P" document published prior to the international filing date but later  
than the priority date claimed

"T" later document published after the international filing date or  
priority date and not in conflict with the application but cited to  
understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be  
considered novel or cannot be considered to involve an inventive  
step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be  
considered to involve an inventive step when the document is  
combined with one or more other such documents, such  
combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
27 December, 2002 (27.12.02)

Date of mailing of the international search report  
28 January, 2003 (28.01.03)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.